CLAIMS

What is claimed is:

1. A method of making insulation, comprising:

providing a sheet of insulation material having a jacket, said jacket having an inner side and an outer side, and an insulation portion attached to said inner side of said jacket; said jacket extending beyond said insulation portion to form a longitudinally extending flange having a free end;

fixing an elongated strip of material to said flange, said strip of material extending beyond said free end of said flange for substantially the length of said flange, and said free end of said flange being independently movable with respect to said strip of material; and

providing an adhesive portion on said strip of material, said adhesive portion being covered by a removable release member to allow said adhesive portion to be selectively exposed, and said adhesive portion being configured, upon removal of said release member, to adhere to said flange such that said strip of material substantially covers said flange and said free end of said flange is substantially fixed to said strip of material.

2. The method as defined in claim 1, wherein said sheet of insulation material is generally rectangular and further comprising forming said sheet of insulation

material to a predetermined length dimension and a predetermined width dimension.

3. A method of installing insulation for a fluid conduit, the method comprising:

providing a sheet of insulation material having a jacket, said jacket having an inner side, an outer side generally opposite said inner side and a first edge; said insulation material having an insulation portion attached to said inner side of said jacket portion; said jacket extending beyond said insulation portion and forming a flange having a free end generally opposite said jacket edge; said flange defining an inner side and an outer side generally opposite said inner side; said flange having an elongated strip of material attached to said outer side of said flange, said strip of material extending beyond said free end of said flange for substantially the length of said flange, and said free end of said flange being movable generally independent of said strip of material; said strip of material having an adhesive portion, said adhesive portion being covered by a removable release member to allow said adhesive portion to be selectively exposed, and said adhesive portion being configured, upon removal of said release member to adhere to said flange such that said strip of material substantially covers said flange and said free end of said flange is substantially fixed to said strip of material;

applying said insulation material to the fluid conduit such that said flange and said outer side of said jacket are substantially adjacent one another;

attaching said flange to said outer side of said jacket;

removing said release member from said strip of material; and

attaching said adhesive portion of said strip of material to said outer side of said flange.

4. The method as defined in claim 3, further comprising, after attaching said flange to said outer side of said jacket, attaching said adhesive portion of said strip of material to said outer side of said jacket.

5. The method as defined in claim 3, wherein said attaching of said flange to said outer side of said jacket is accomplished using mechanical fasteners carried in said jacket adjacent said first edge of said jacket; and further comprising substantially covering said mechanical fasteners with said adhesive portion of said strip of material.

6. The method as defined in claim 3, further comprising providing a tab on said jacket, said tab extending outwardly from said first edge of said jacket, said tab including a tab adhesive portion and a removable tab release

member covering said tab adhesive portion, said tab release member being configured to allow said tab adhesive portion to be selectively exposed;

removing said tab release strip; and

adhering said tab adhesive portion to the fluid conduit.

7. A method of installing insulation for a fluid conduit, the method comprising:

providing a sheet of insulation material having a jacket, said jacket having an inner side, an outer side generally opposite said inner side and a first edge; said insulation material having an insulation portion attached to said inner side of said jacket portion; said jacket extending beyond said insulation portion and forming a flange having a free end generally opposite said jacket edge; said flange defining an inner side and an outer side generally opposite said inner side;

providing an elongated strip of material of predetermined width and having a first edge and a second edge, said strip of material including a first adhesive portion generally adjacent said first edge thereof, said first adhesive portion being covered by a first removable release member to allow said first adhesive portion to be selectively exposed; said elongated strip of material including a second adhesive portion generally adjacent said

first adhesive portion; said second adhesive portion being covered by a second removable release member to allow said second adhesive portion to be selectively exposed;

removing said first release member and attaching said first adhesive portion such that said strip of material extends by a predetermined distance beyond said free end of said flange for substantially the length of the flange;

applying said insulation material to the fluid conduit such that said flange and said outer side of said jacket are substantially adjacent one another;

attaching said flange to said outer side of said jacket;

removing said second release member from said strip of material; and

attaching said second adhesive portion of said strip of material to said outer side of said flange.

8. The method as defined in claim 7, further comprising, after attaching said flange to said outer side of said jacket, attaching said adhesive portion of said strip of material to said outer side of said jacket.

9. The method as defined in claim 7, wherein said first adhesive portion extends from approximately said first edge end for approximately one third of the width of said strip of material and said second adhesive portion

extends from approximately said first adhesive portion to said second edge.

10. The method as defined in claim 7, wherein said first adhesive portion attaches said strip of material to said flange, and approximately two thirds of the width of said strip of material being substantially free from attachment to said flange, and approximately one third of the width of said strip of material extending beyond said free end of said flange.

11. Insulation material for fluid conduits, comprising:

a jacket, said jacket having an inner side and an outer side and a first edge;

insulation attached to said inner side of said jacket, said jacket extending beyond said insulation and configured to form a flange having a free end generally opposite said first edge of said jacket; said flange defining an inner side and an outer side substantially opposite said inner side;

said first edge of said jacket and said second edge of said jacket being configured to be generally adjacent one another upon said jacket being wrapped around the fluid conduit;

an elongated strip of material integral with and extending substantially the length of said flange and

defining a strip free end separate from said free end of said flange, said free end of said flange being configured to be independently movable with respect to said strip free end; and

said strip of material having an adhesive portion and a removable release member covering said adhesive portion, said release member being configured to allow said adhesive portion to be selectively exposed, and said adhesive portion being configured, upon removal of said release member and upon said flange and said first end of said jacket being adjacent one another, to adhere to said outer side of said flange.

12. The insulation material as defined in claim 11, further comprising said strip of material being configured to extend beyond said free end of said flange by a predetermined distance.

13. The insulation material as defined in claim 11, further comprising said strip of material being configured to extend beyond said free end of said flange by a predetermined distance and said adhesive portion being configured, upon removal of said release member, to contact said outer side of said jacket.

14. Insulation material for fluid conduits, comprising:

a jacket, said jacket having an inner side and an outer side and a first edge;

insulation attached to said inner side of said jacket, said jacket extending beyond said insulation and configured to form a flange having a free end opposite said first edge; said flange defining an inner side and an outer side generally opposite said inner side;

said first edge of said jacket and said free end of said flange being configured to be generally adjacent one another upon said jacket being wrapped around the fluid conduit;

an elongated flap attached to said flange and extending beyond said free end of said flange for substantially the length of said flange, said flap defining a first edge and a flap free end and said free end of said flange being configured to be independently movable with respect to said flap free end; and

said flap having an adhesive portion and a removable release member covering said adhesive portion, said release member being configured to allow said adhesive portion to be selectively exposed, and said adhesive portion being configured, upon removal of said release member and upon said flange and said first end of said jacket being adjacent one another, to adhere to said outer side of said flange and to extend by a predetermined distance beyond said free end of said flange.

15. The insulation material as defined in claim 14, further comprising said jacket including metal prong fasteners adjacent said first edge of said jacket for engaging and securing said flange to said jacket.

16. The insulation material as defined in claim 14, further comprising said jacket including metal prong fasteners adjacent said first edge of said jacket for engaging and securing said flange to said jacket.

17. The insulation material as defined in claim 14, further comprising:

said jacket including fasteners adjacent said first edge of said jacket for engaging and securing said flange to said jacket; and

wherein said adhesive portion of said flap of material is configured to cover said fasteners and adhere to said flange.

18. The insulation material as defined in claim 14, further comprising:

said jacket including fasteners adjacent said first edge of said jacket for engaging and securing said flange to said jacket; and

wherein said adhesive portion of said flap is configured to cover said fasteners and adhere to said jacket.

19. The insulation material as defined in claim 14, further comprising:

fasteners in said jacket for engaging said flange, said fasteners each including a fastener adhesive portion and a removable fastener release member covering said fastener adhesive portion, said fastener release member being configured to allow said fastener adhesive portion to be selectively exposed, and said fastener adhesive portion being configured, upon removal of said fastener release member, to adhere to the fluid conduit; and

wherein said adhesive portion of said flap is configured to cover said fasteners.

20. The insulation material as defined in claim 14, further comprising:

at least one tab attached to and extending outwardly from said first edge of said jacket for engaging the fluid conduit, said tab including a tab adhesive portion and a removable tab release member covering said tab adhesive portion, said tab release member being configured to allow said tab adhesive portion to be selectively exposed, and said tab adhesive portion being configured, upon removal of said tab release member, to adhere to the fluid conduit.

21. The insulation material as defined in claim 14, wherein said flap is of a predetermined width and

includes a first edge generally opposite said flap free end; and further comprising a flange adhesive portion extending from approximately said first edge end for approximately one third of the width of said flap and said flange adhesive portion attaching said flap to said flange, and approximately two thirds of the width of said flap being substantially free from attachment to said flange, and approximately one third of the width of said flap extending beyond said free end of said flange.

22. The insulation material as defined in claim 14, wherein:

said flap is of a predetermined width and includes a first edge generally opposite said flap free end; and

said adhesive portion extends from approximately said first edge for approximately one third of the width of said flap.

23. Insulation material for fluid conduits, comprising:

a jacket, said jacket having an inner side and an outer side and a first edge;

insulation attached to said inner side of said jacket, said jacket extending beyond said insulation and configured to form a flange having a free end opposite said

first edge; said flange defining an inner side and an outer side generally opposite said inner side;

said first edge of said jacket and said free end of said flange being configured to be generally adjacent one another upon said jacket being wrapped around the fluid conduit;

an elongated flap attached to said flange and extending beyond said free end of said flange for substantially the length of said flange, said flap defining a flap free end and said free end of said flange being configured to be independently movable with respect to said flap free end;

said flap having an adhesive portion and a removable release member covering said adhesive portion, said release member being configured to allow said adhesive portion to be selectively exposed, and said adhesive portion being configured, upon removal of said release member and upon said flange and said first end of said jacket being adjacent one another, to adhere to said outer side of said flange and to extend by a predetermined distance beyond said free end of said flange;

said jacket including fasteners adjacent said first edge of said jacket adapted for engaging and securing said flange to said jacket, upon said flange and said first end of said jacket being adjacent one another, said fasteners each including a fastener adhesive portion and a removable

fastener release member covering said fastener adhesive portion, said fastener release member being configured to allow said fastener adhesive portion to be selectively exposed, and said fastener adhesive portion being configured, upon removal of said fastener release member, to adhere to the fluid conduit, and said adhesive portion of said strip of material being configured to cover said fasteners and adhere to said jacket; and

at least one tab attached to and extending outwardly from said first edge of said jacket for engaging the fluid conduit, said tab including a tab adhesive portion and a removable tab release member covering said tab adhesive portion, said tab release member being configured to allow said tab adhesive portion to be selectively exposed, and said tab adhesive portion being configured, upon removal of said tab release strip, to adhere to the fluid conduit.

24. Insulation material attachable to adjacent insulation material on fluid conduits, comprising:

a jacket, said jacket having an inner side and an outer side and a first end;

insulation attached to said inner side of said jacket, said jacket extending beyond said insulation and being configured to form a flange, said flange defining a free end generally opposite said first end and an inner side and an outer side generally opposite said inner side;

said flange of said jacket being configured to extend above and over the adjacent insulation material of the fluid conduit;

said jacket including a flap extending beyond said free end of said flange, said flap defining a free end and said free end of said flange being configured to be independently movable with respect to said free end of said flap; and

said flap having an adhesive portion and a removable release member covering said adhesive portion, said release member being configured to allow said adhesive portion to be selectively exposed, and said adhesive portion being configured, upon removal of said release member, to adhere to the adjacent insulation material on the fluid conduit.

25. The insulation material as defined in claim 24, further comprising said jacket including staples adjacent said first edge of said jacket for engaging said flange.

26. The insulation material as defined in claim 24, further comprising said jacket including staples adjacent said first edge of said jacket for engaging said flange.

27. The insulation material as defined in claim 24, further comprising:

said jacket including fasteners adjacent said first edge of said jacket for engaging said flange; and

wherein said adhesive portion of said flap is configured to cover said fasteners.

28. A method of fabricating a roll of insulation, comprising:

providing a sheet of insulation material having a jacket, said jacket having an inner side and an outer side, and an insulation portion attached to said inner side of said jacket; said jacket extending beyond said insulation portion to form a flange having a free end; said flange having attached thereto an elongated strip of material, said strip of material extending beyond said free end of said flange for substantially the length of said flange, and said free end of said flange being independently movable with respect to said strip of material; said strip of material having an adhesive portion, said adhesive portion being covered by a removable release member to allow said adhesive portion to be selectively exposed; and

folding said flange and said strip of material over and substantially adjacent said outer side of said jacket; and

forming said insulation material into a roll with said outer side of said jacket being on the outside of said roll.